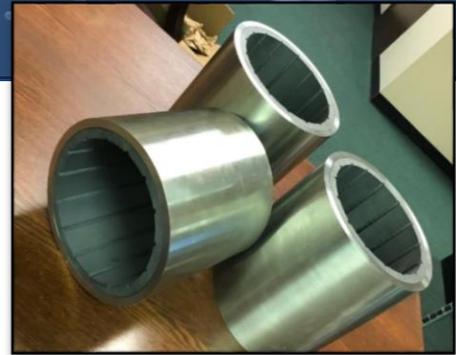




## PSS Reliability Report

# PSS PARTNER BOULDEN PARTNERS WITH METCAR TO DISTRIBUTE CARBON GRAPHITE PARTS

PSS is excited to announce that it is now distributing Metcar's M-161 Babbitt impregnated carbon graphite and M-310 nickel impregnated carbon graphite materials. PSS has been serving the pump repair industry for decades with a range of composite materials. Our objective is to support plant engineers to improve the reliability, efficiency, and safety of their machines. The combination of PSS's service-minded mission and Metcar's high-performing materials will be a valuable asset to the pump repair industry.



The M-161 and M-310 material grades are critical to the reliable operation of countless pumps in the utilities, oil & gas, and petrochemical industries and are included in API610 11th Edition Table H.3. Carbon graphite is self-lubricating, so it can run dry in certain conditions without the need for grease or oil lubrication. Since there is no metallic attraction between carbon graphite and metal running surfaces, these M-161 and M-310 materials are not prone to galling or seizing, which is a known failure mode of other types of bearings.

PSS's international partner Boulden will be stocking M-161 and M-310 for fast delivery along with PSS's service and technical support. M-161 and M-310 add to PSS's complete range of composite materials which can cover applications from cryogenic to 1700 F (900 C).

Interested in these materials for your applications or if you would like more information?

### About Metcar

Metallized Carbon Corporation has been supplying engineered carbon/graphite solutions for severe service lubrication to industrial customers worldwide since 1945. Under the trade name Metcar®, our unique family of solid, oil-free, self-lubricating materials have been under continuous development by Metallized Carbon Corporation for over seventy years. With over seven decades of application engineering experience and field expertise, corporate headquarters and manufacturing facilities in New York, along with manufacturing facilities in Singapore and Mexico, Metcar is strategically situated to provide the global market with the materials it needs to keep the world running.

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